

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
 Data File : BE100586.D
 Acq On : 30 Sep 2019 18:03
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 30 23:07:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 27 18:32:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3162	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	15394	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	9476	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	23155	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25053	0.40	ng	0.00
34) Perylene-d12	23.85	264	29893	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	3244	0.35	ng	0.00
5) Phenol-d6	7.02	99	4312	0.34	ng	0.00
8) Nitrobenzene-d5	9.00	82	3749	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	8971	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	854	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13190	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	105925	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	24232	0.39	ng	0.00

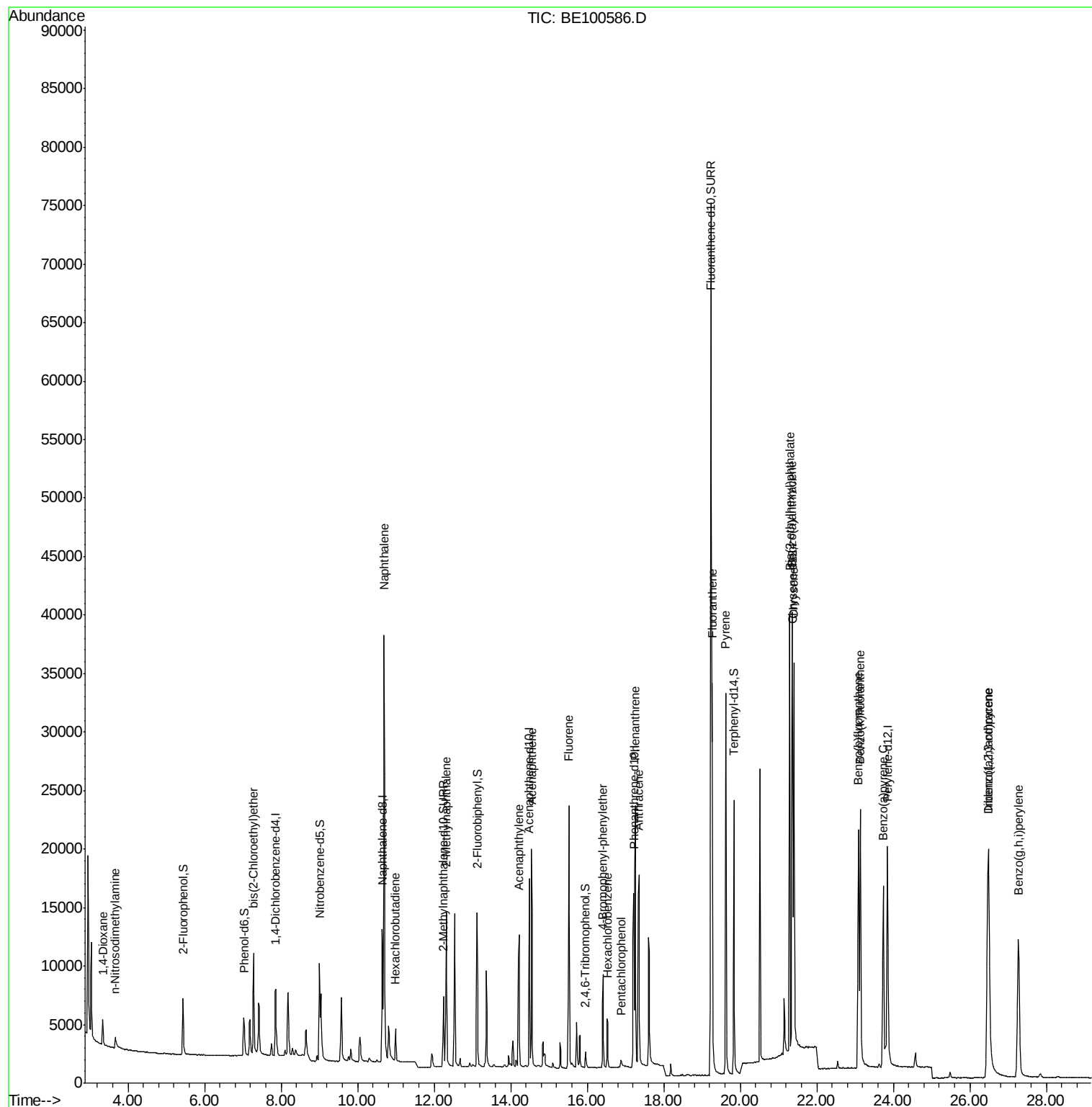
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2179	0.383	ng	99
3) n-Nitrosodimethylamine	3.66	42	1011	0.333	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	3991	0.365	ng	97
9) Naphthalene	10.69	128	62438	0.390	ng	100
10) Hexachlorobutadiene	10.99	225	1918	0.394	ng	99
12) 2-Methylnaphthalene	12.31	142	10254	0.377	ng	99
16) Acenaphthylene	14.21	152	15613	0.370	ng	99
17) Acenaphthene	14.54	154	10436	0.385	ng	99
18) Fluorene	15.51	166	13514	0.383	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	4058	0.376	ng	98
21) Hexachlorobenzene	16.53	284	3527	0.397	ng	99
22) Pentachlorophenol	16.88	266	710	0.422	ng	95
23) Phenanthrene	17.25	178	26045	0.399	ng	100
24) Anthracene	17.35	178	21451	0.363	ng	100
26) Fluoranthene	19.26	202	30745	0.375	ng	99
28) Pyrene	19.62	202	31628	0.417	ng	99
30) Benzo(a)anthracene	21.35	228	27854	0.377	ng	99
31) Chrysene	21.40	228	30324	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	48276	0.246	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	36086	0.389	ng	100
35) Benzo(b)fluoranthene	23.09	252	29945	0.366	ng	99
36) Benzo(k)fluoranthene	23.14	252	33705	0.378	ng	99
37) Benzo(a)pyrene	23.73	252	28703	0.367	ng	99
38) Dibenzo(a,h)anthracene	26.49	278	29525	0.371	ng	99
39) Benzo(g,h,i)perylene	27.27	276	30427	0.374	ng	99

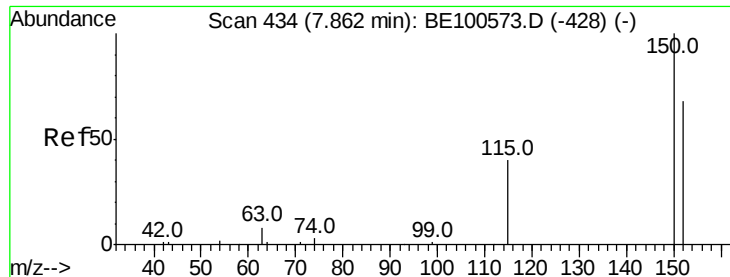
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
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QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

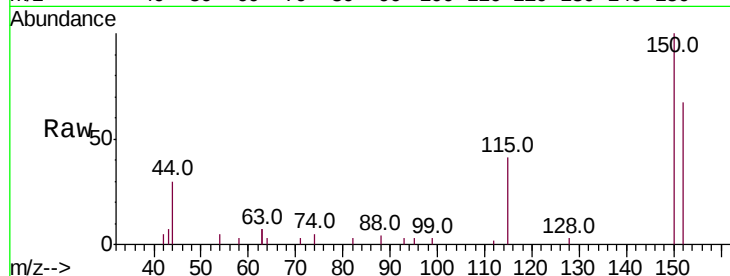
Tot Ion:152 Resp: 3162

Ion Ratio Lower Upper

152 100

150 148.6 116.9 175.3

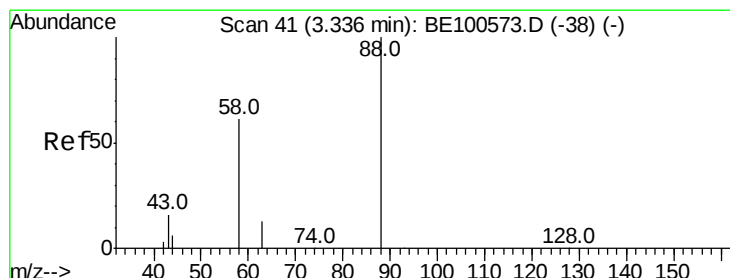
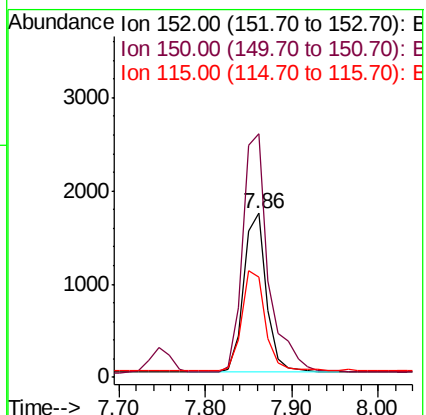
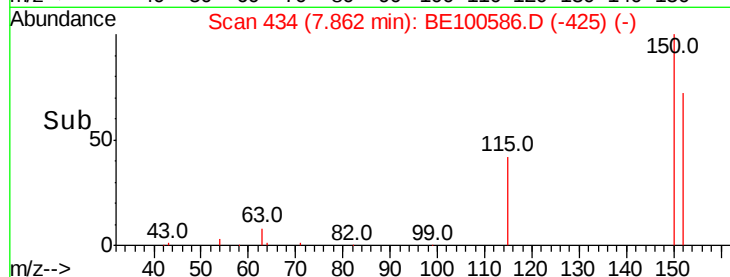
115 61.2 50.2 75.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.383 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

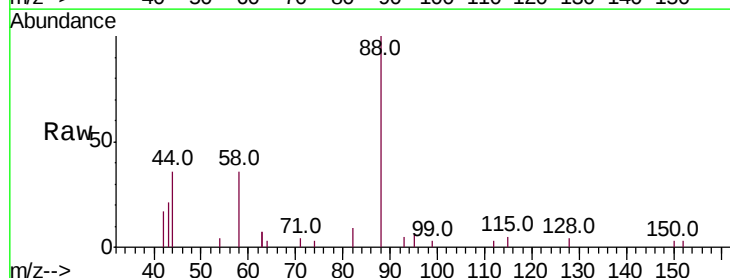
Tgt Ion: 88 Resp: 2179

Ion Ratio Lower Upper

88 100

58 57.7 46.4 69.6

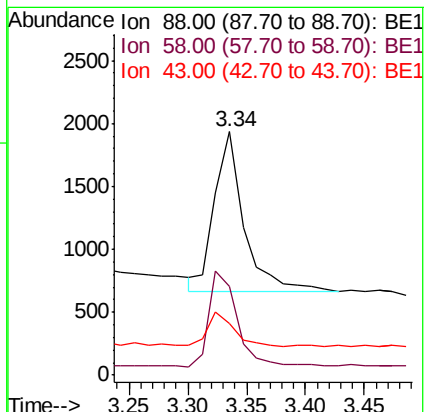
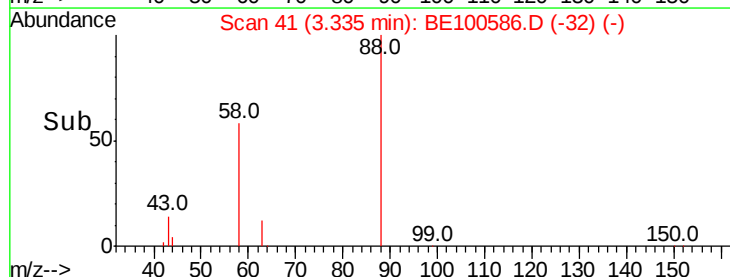
43 18.9 16.7 25.1

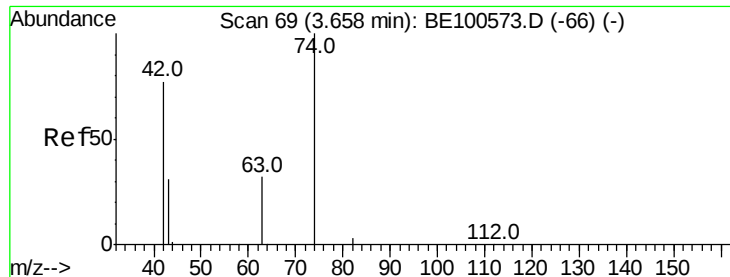


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.333 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

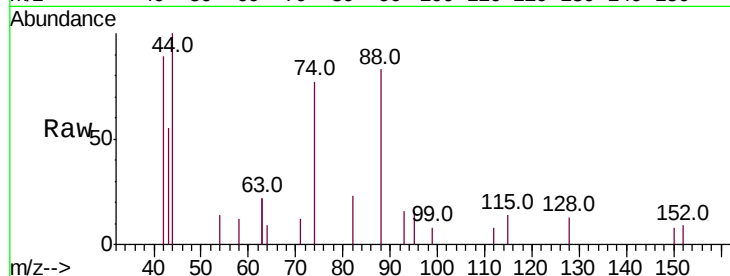
Tot Ion: 42 Resp: 1011

Ion Ratio Lower Upper

42 100

74 160.2 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1

800

600

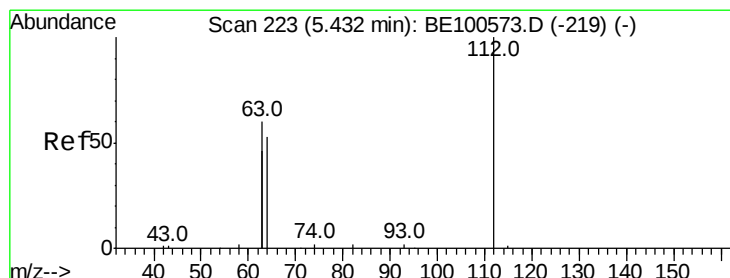
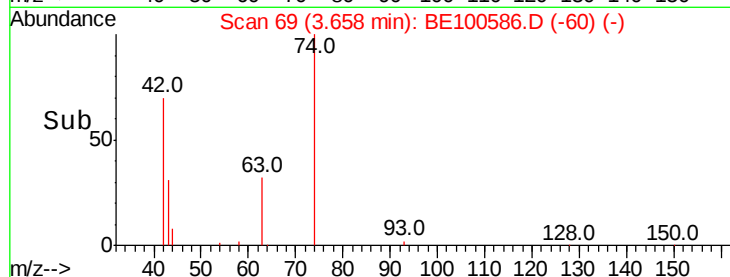
400

200

0

3.55 3.60 3.65 3.70 3.75

Time-->



#4

2-Fluorophenol

Concen: 0.348 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

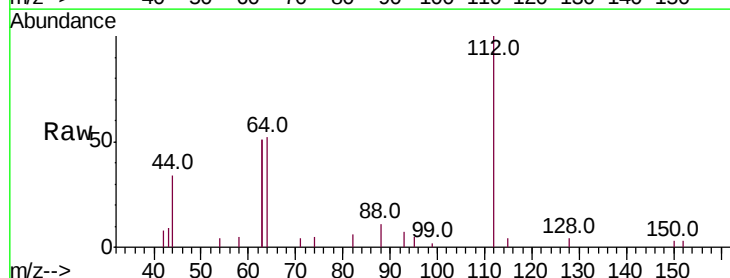
Tgt Ion: 112 Resp: 3244

Ion Ratio Lower Upper

112 100

64 56.5 44.9 67.3

63 107.1 90.1 135.1



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

2500

2000

1500

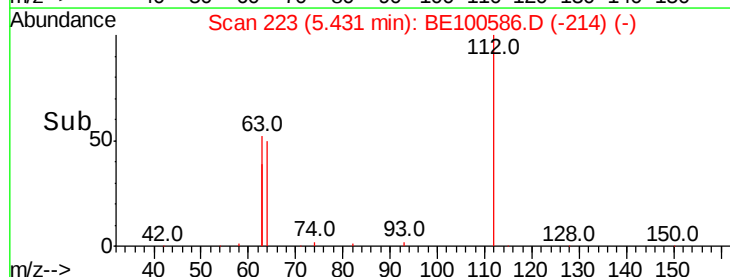
1000

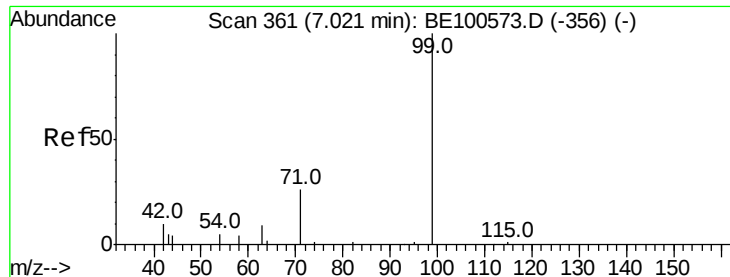
500

0

5.35 5.40 5.45 5.50

Time-->





#5

Phenol-d6

Concen: 0.341 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

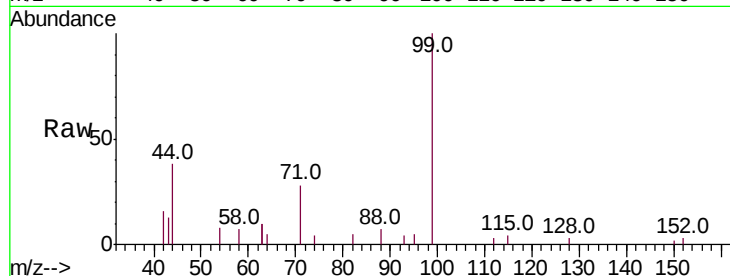
Tot Ion: 99 Resp: 4312

Ion Ratio Lower Upper

99 100

42 15.7 11.7 17.5

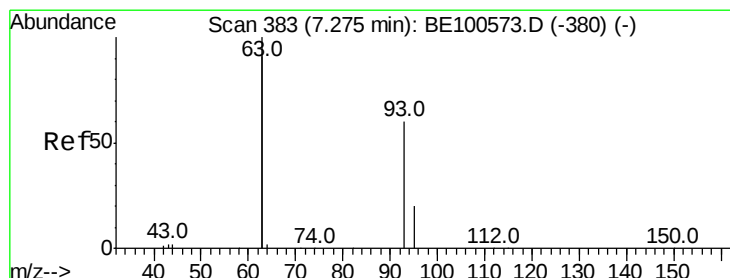
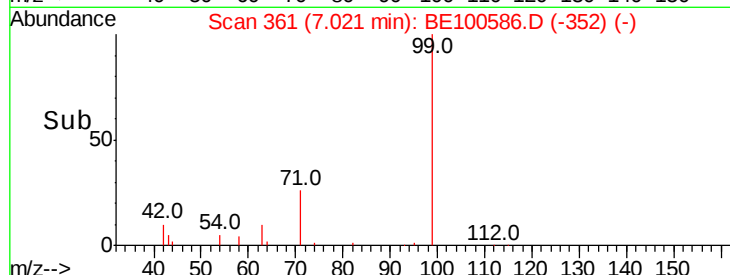
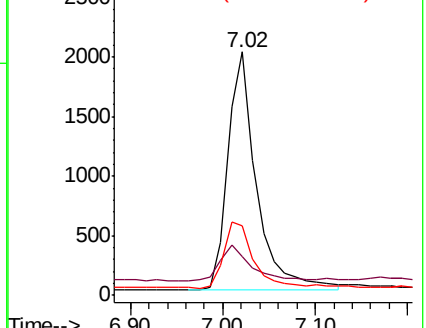
71 28.7 23.6 35.4



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.365 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

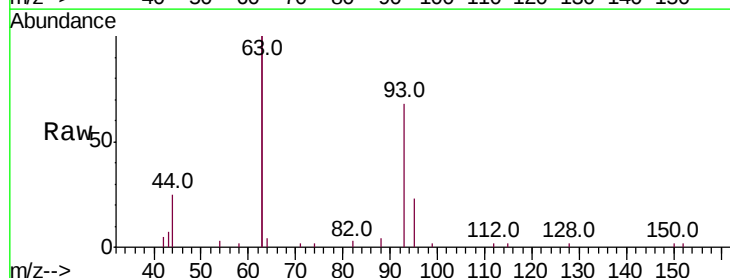
Tgt Ion: 93 Resp: 3991

Ion Ratio Lower Upper

93 100

63 280.1 228.3 342.5

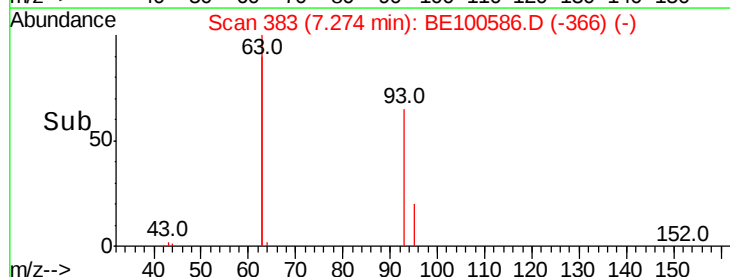
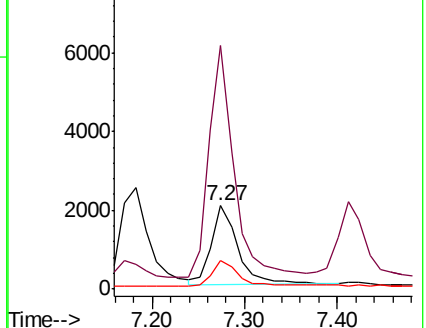
95 31.1 24.2 36.4

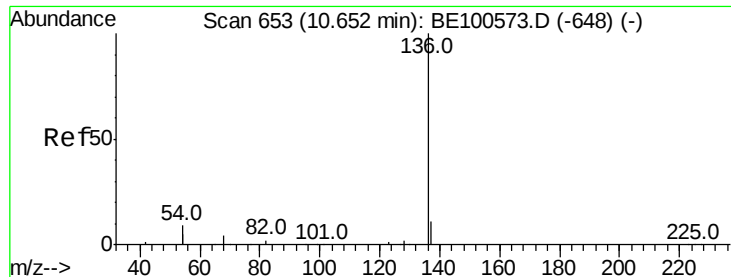


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15394

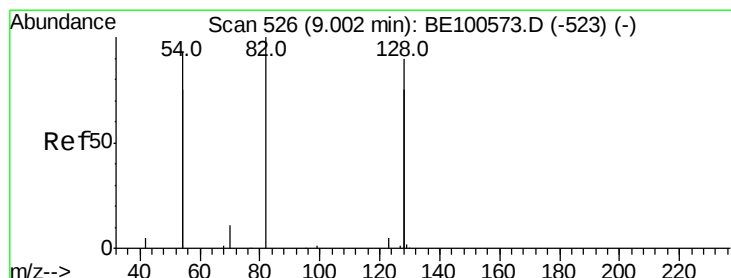
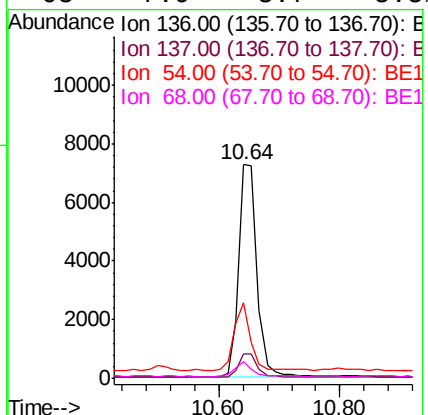
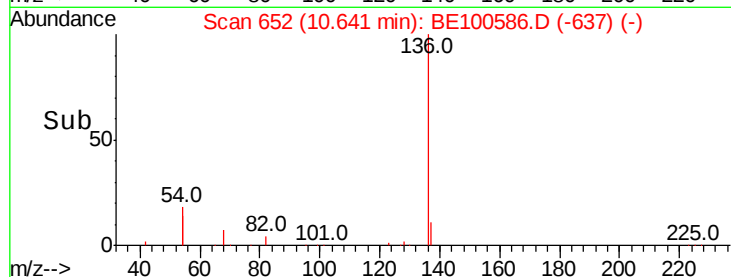
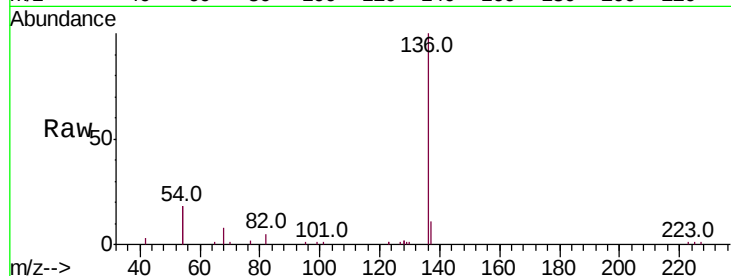
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 35.1 15.0 22.6#

68 7.9 3.7 5.5#



#8

Nitrobenzene-d5

Concen: 0.337 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

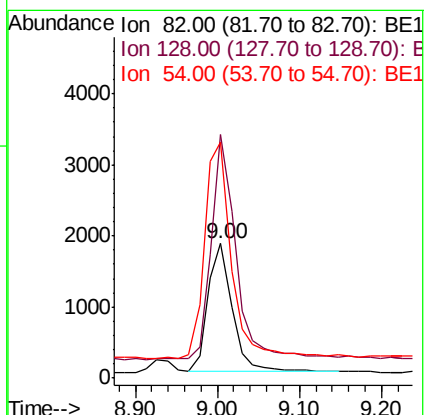
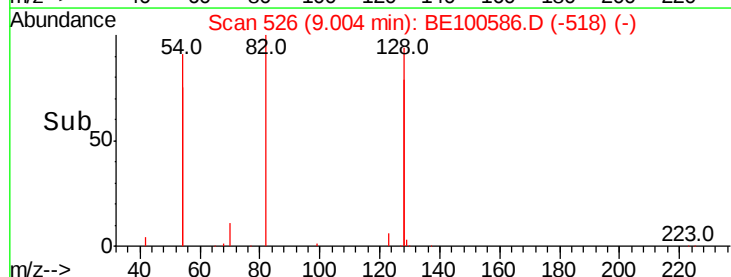
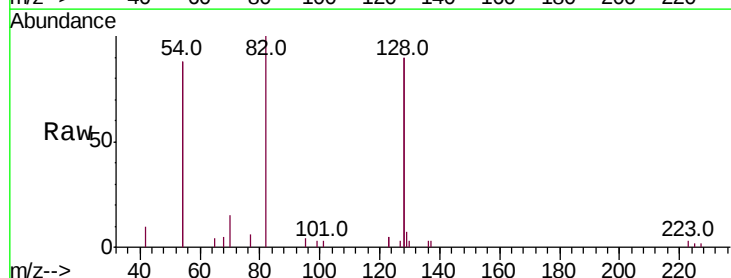
Tgt Ion: 82 Resp: 3749

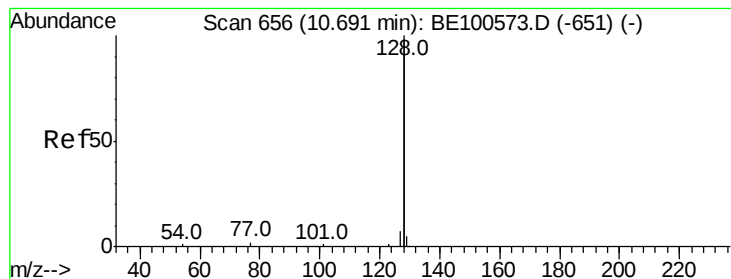
Ion Ratio Lower Upper

82 100

128 181.0 137.9 206.9

54 175.2 143.0 214.6





#9

Naphthalene

Concen: 0.390 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

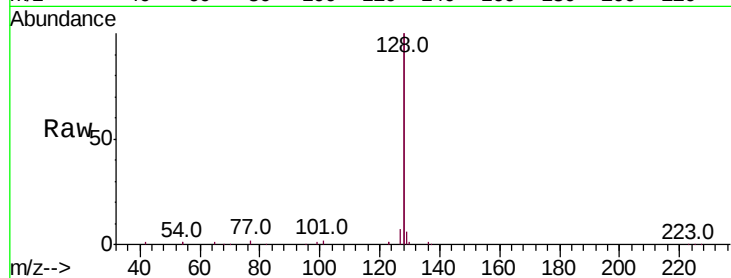
Tot Ion:128 Resp: 62438

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

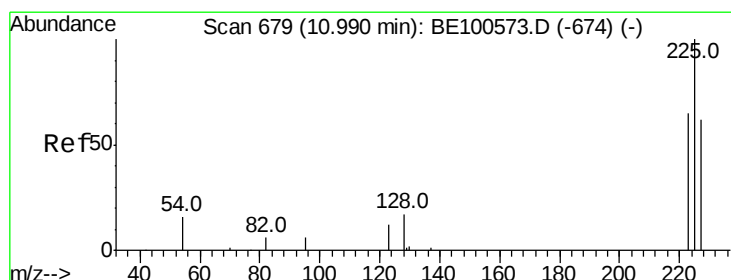
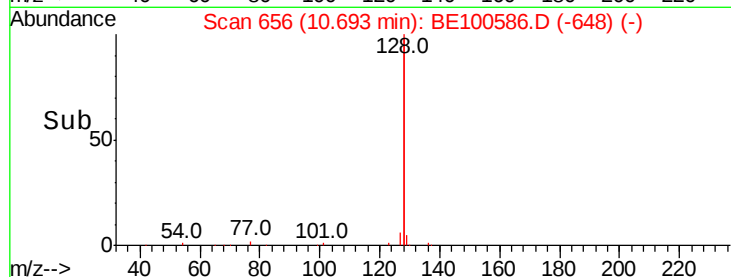
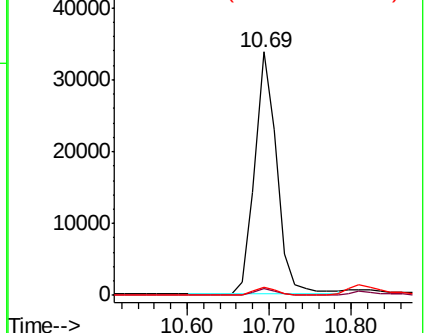
127 3.3 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.394 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

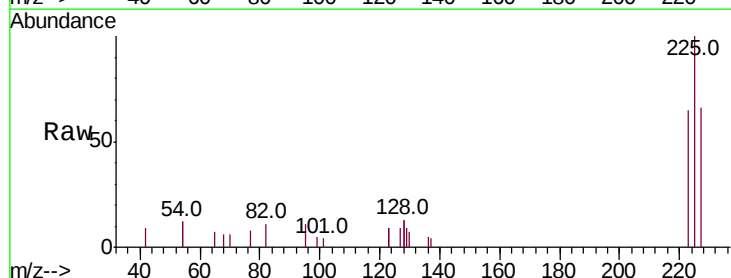
Tgt Ion:225 Resp: 1918

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.0

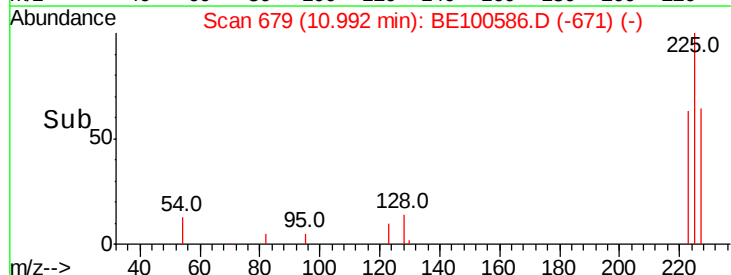
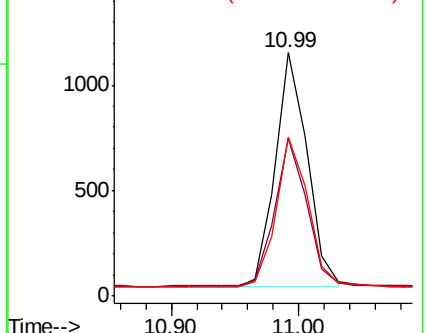
227 63.9 50.3 75.5

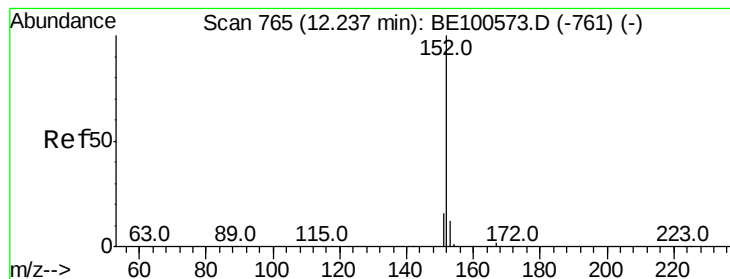


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

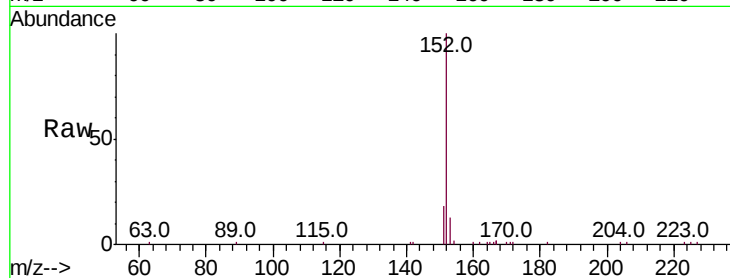
SSTDCCC0.4EC

Tot Ion:152 Resp: 8971

Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

5000

4000

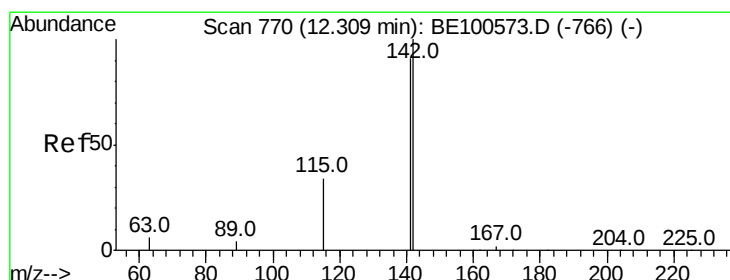
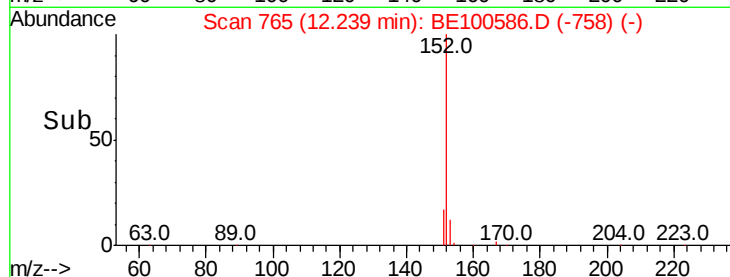
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

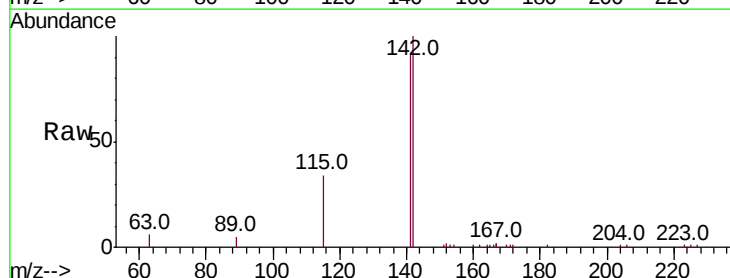
Tgt Ion:142 Resp: 10254

Ion Ratio Lower Upper

142 100

141 91.6 73.2 109.8

115 34.0 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.31

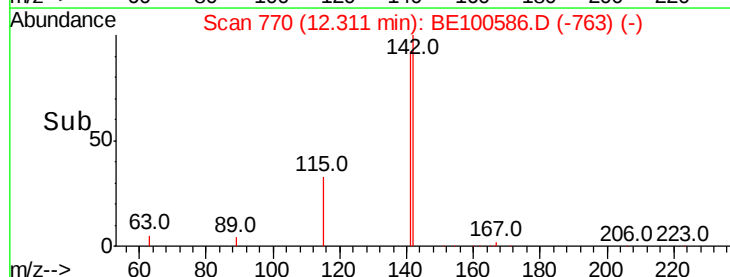
6000

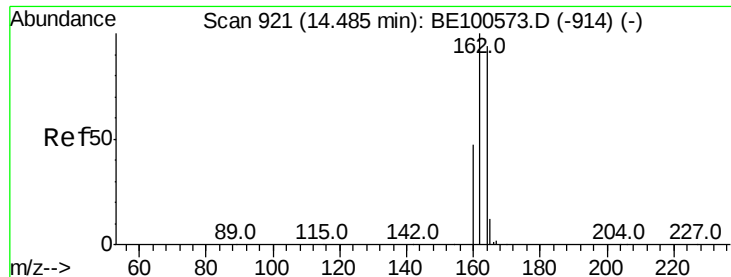
4000

2000

0

Time-->

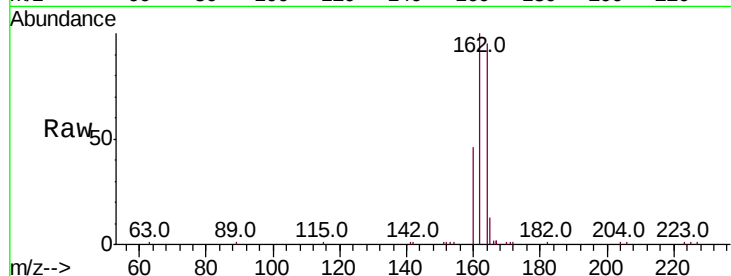




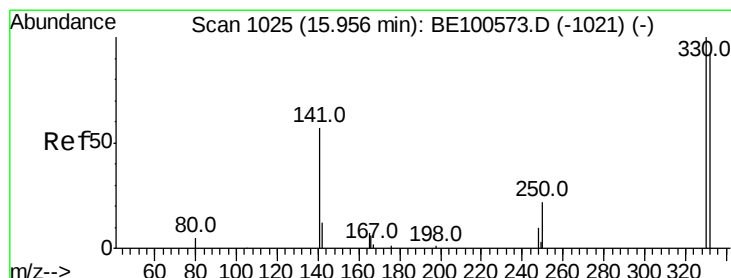
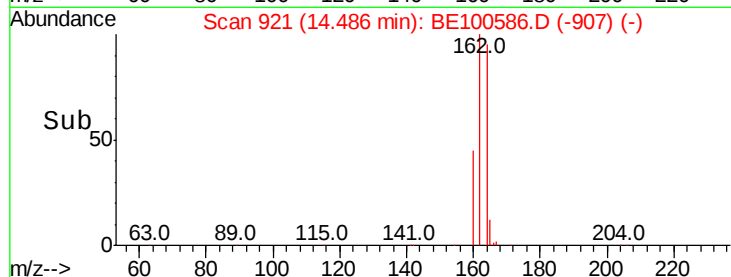
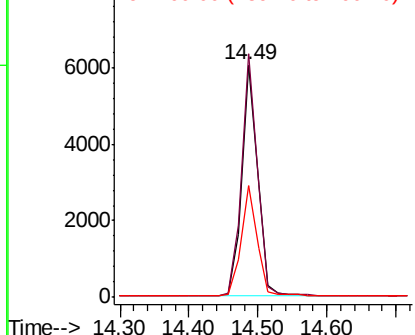
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:164 Resp: 9476
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.0 127.4
 160 48.0 40.2 60.4

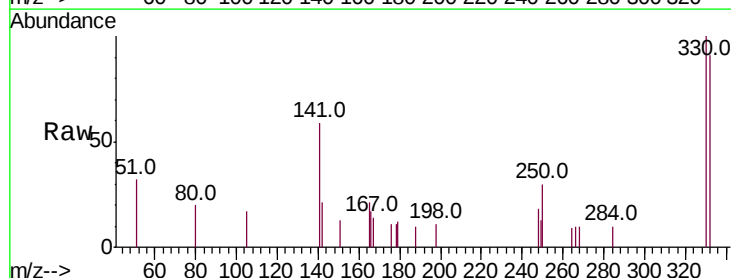


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

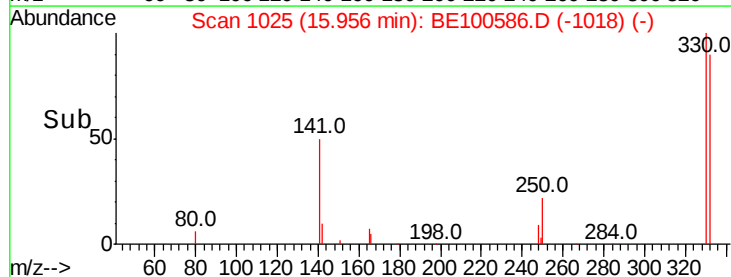
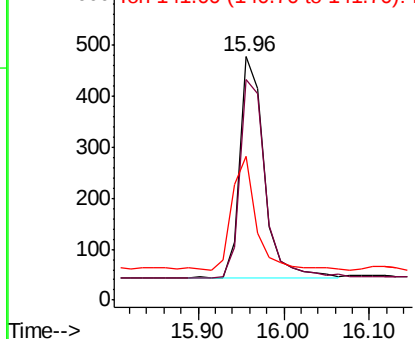


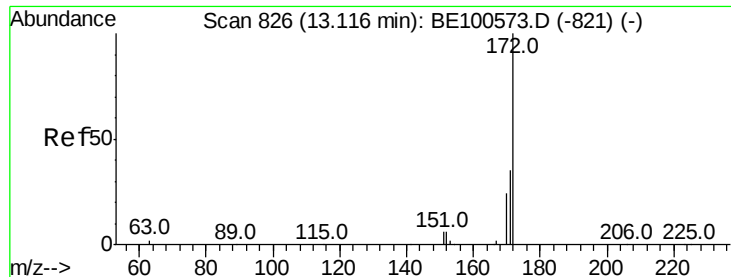
#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

Tgt Ion:330 Resp: 854
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.1 117.1
 141 50.7 42.1 63.1



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

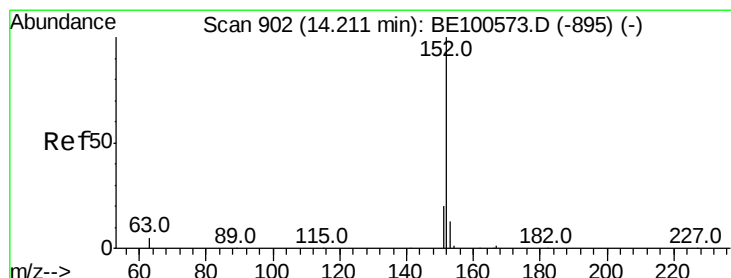
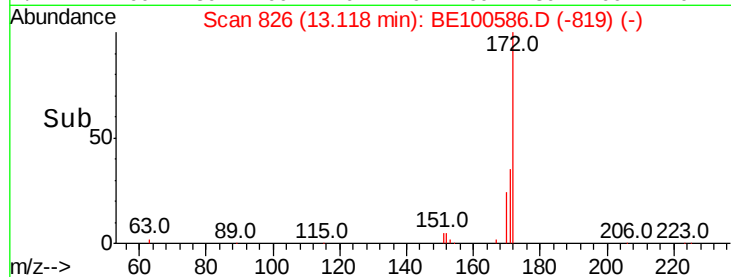
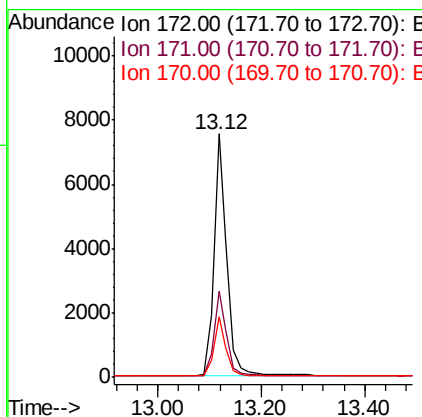
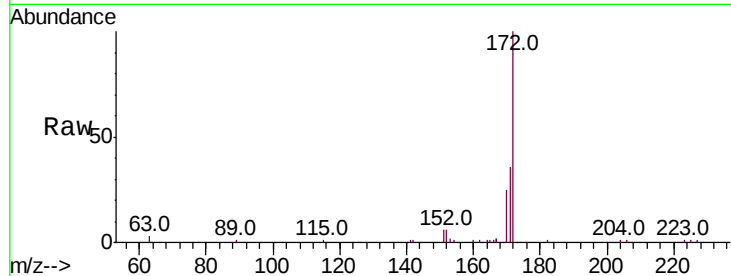




#15
 2-Fluorobiphenyl
 Concen: 0.402 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

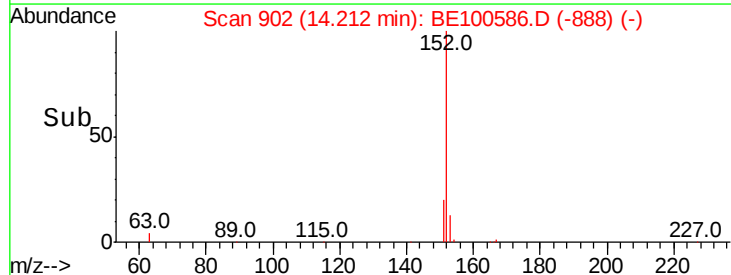
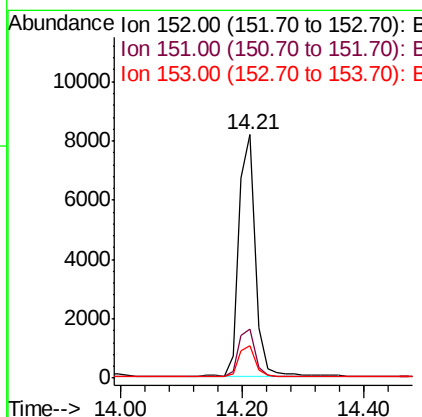
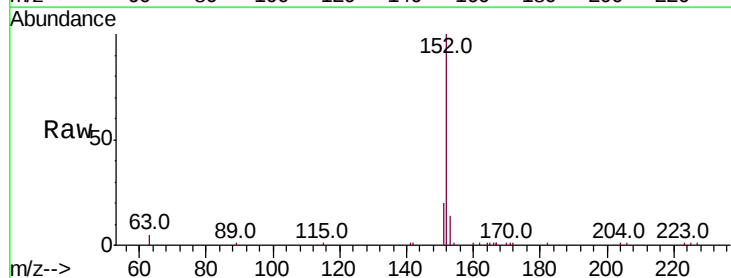
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

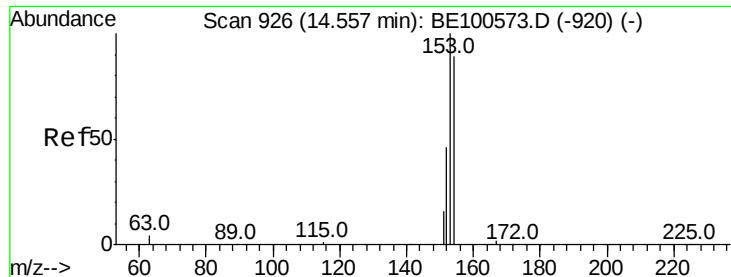
Tot Ion:172 Resp: 13190
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 24.7 19.2 28.8



#16
 Acenaphthylene
 Concen: 0.370 ng
 RT: 14.21 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

Tgt Ion:152 Resp: 15613
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.8 23.8
 153 12.9 10.6 16.0

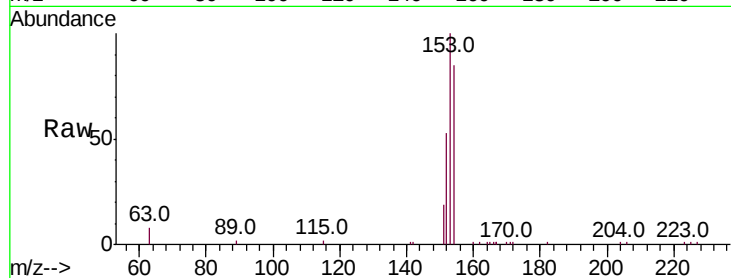




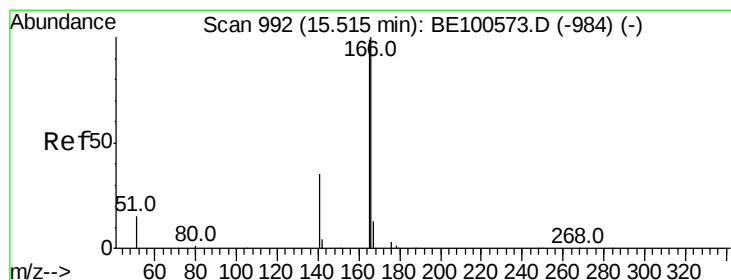
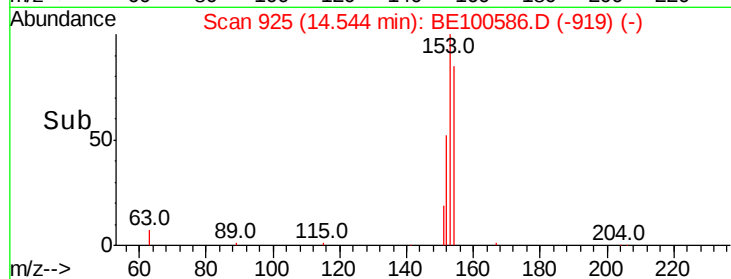
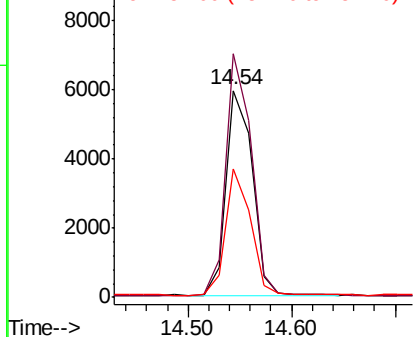
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 10436
Ion Ratio Lower Upper
154 100
153 114.9 92.7 139.1
152 58.8 45.6 68.4

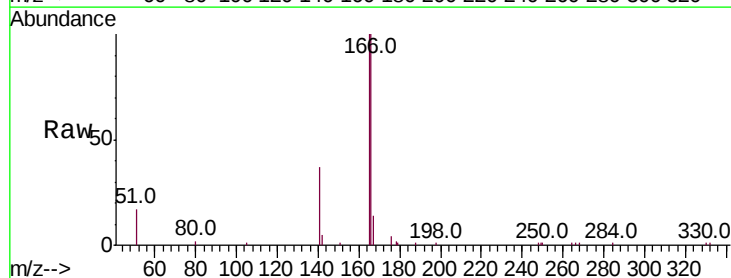


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

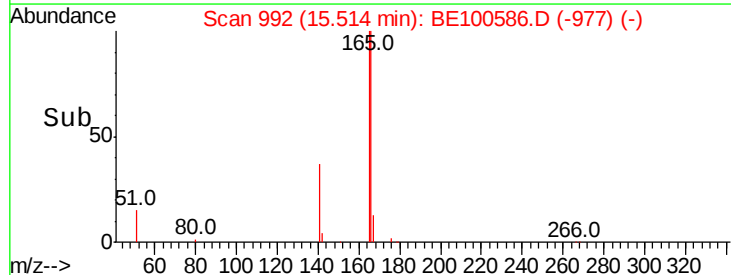
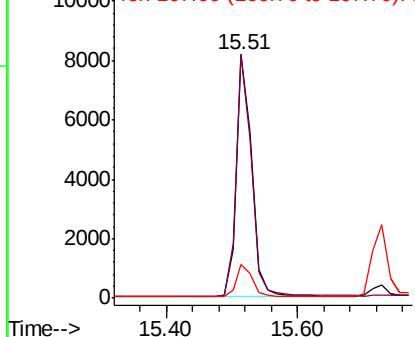


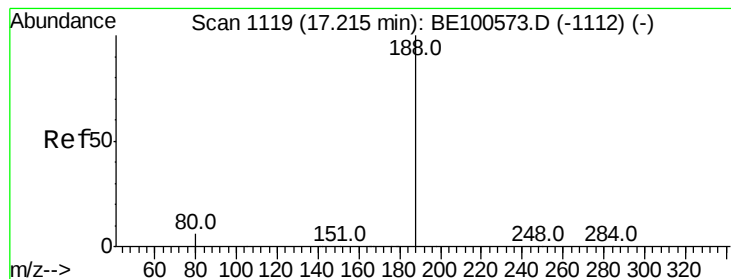
#18
Fluorene
Concen: 0.383 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:166 Resp: 13514
Ion Ratio Lower Upper
166 100
165 99.6 78.0 117.0
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

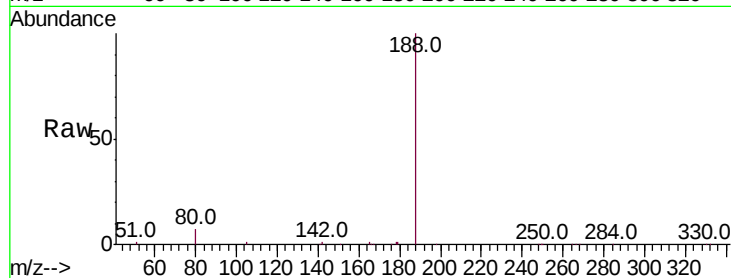
Tot Ion:188 Resp: 23155

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

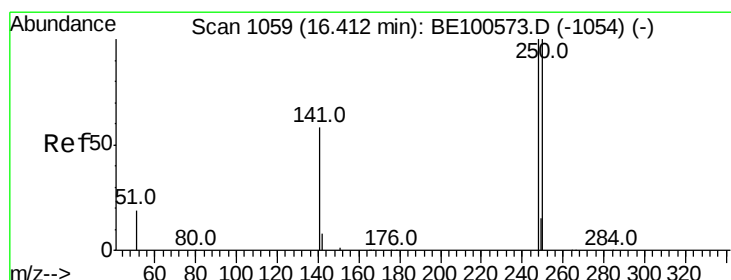
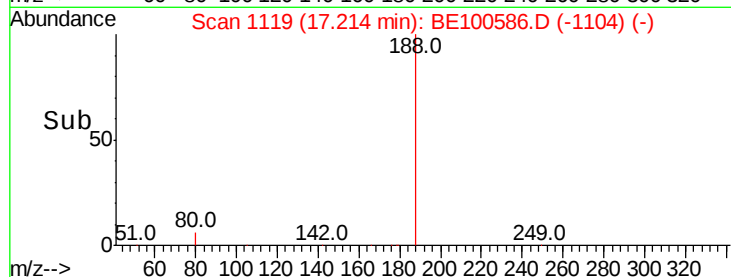
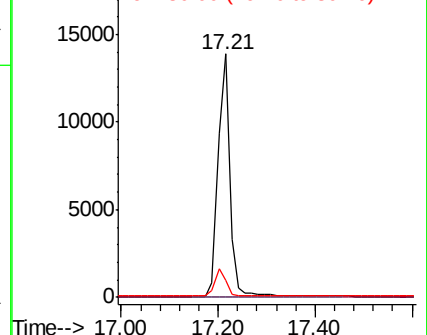
80 6.9 5.6 8.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.376 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

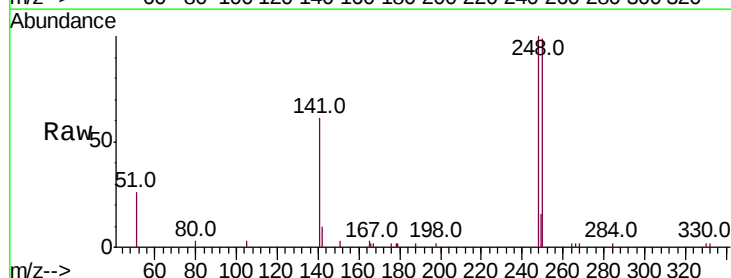
Tgt Ion:248 Resp: 4058

Ion Ratio Lower Upper

248 100

250 98.6 79.9 119.9

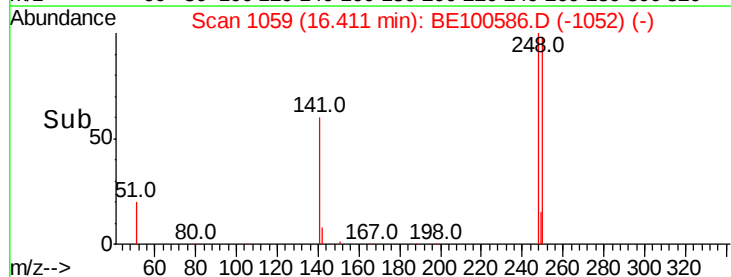
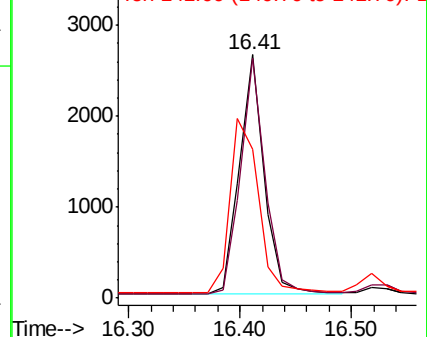
141 61.3 47.7 71.5

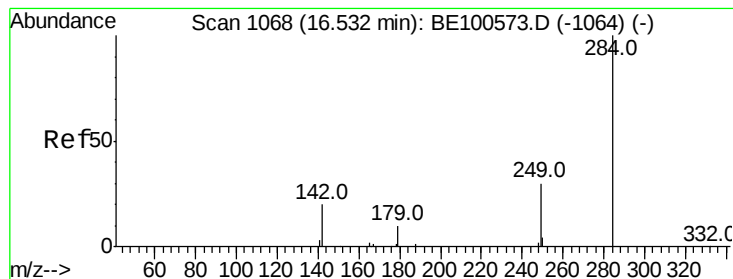


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

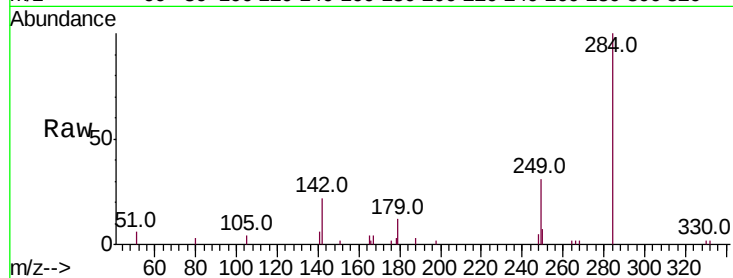
Tot Ion:284 Resp: 3527

Ion Ratio Lower Upper

284 100

142 46.5 37.0 55.4

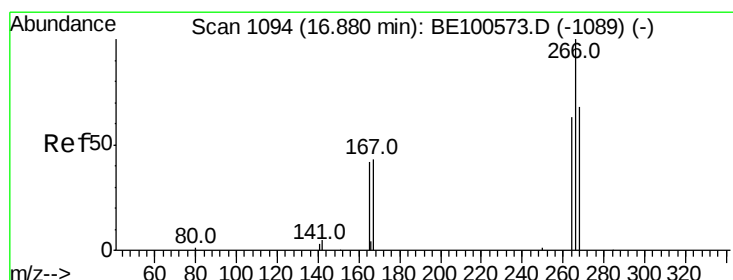
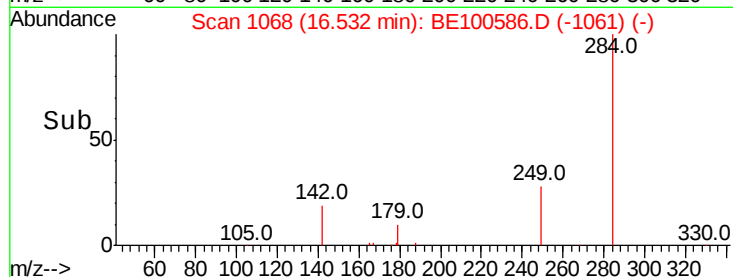
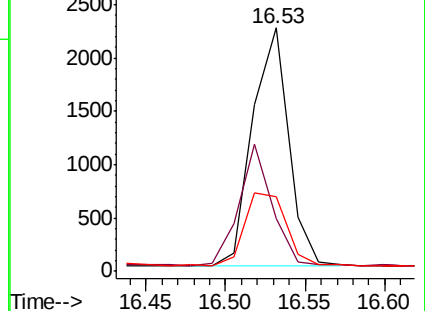
249 34.2 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.422 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

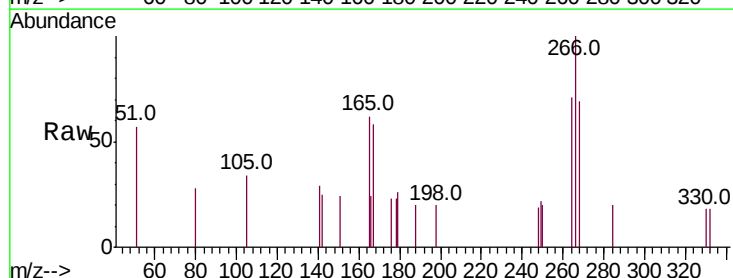
Tgt Ion:266 Resp: 710

Ion Ratio Lower Upper

266 100

264 71.0 53.5 80.3

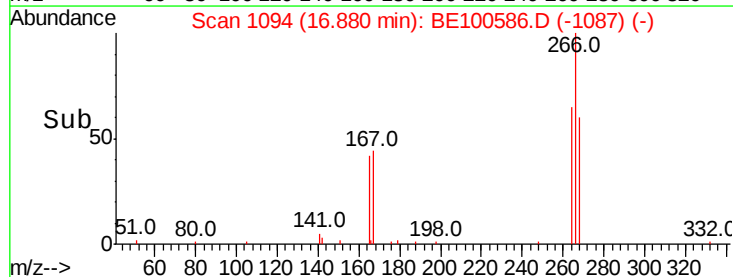
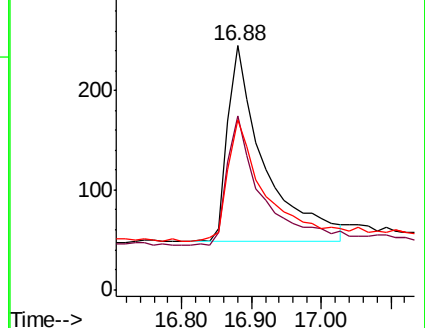
268 69.4 58.3 87.5

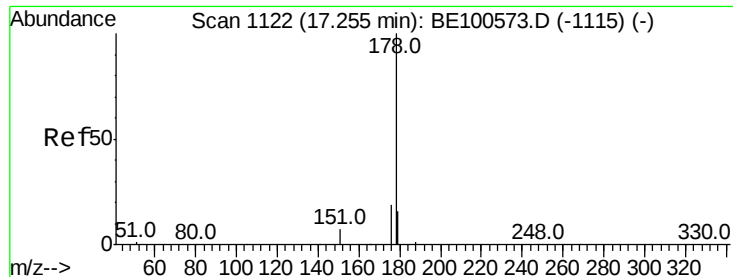


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

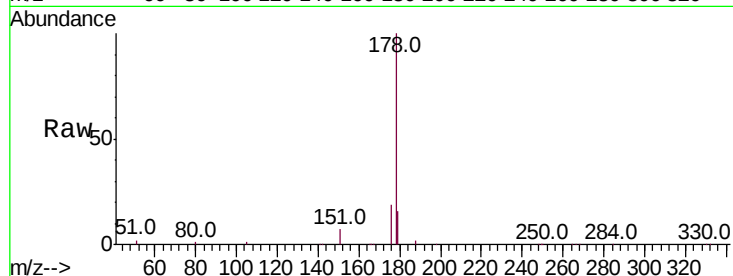
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 26045

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.4	18.6

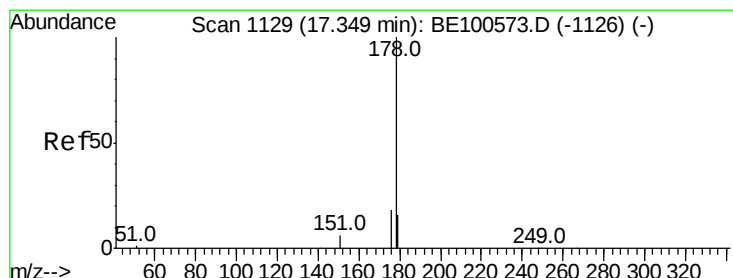
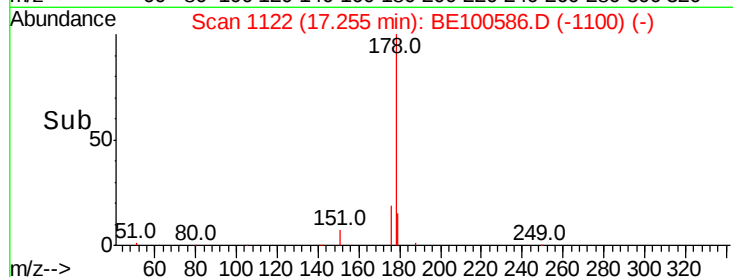
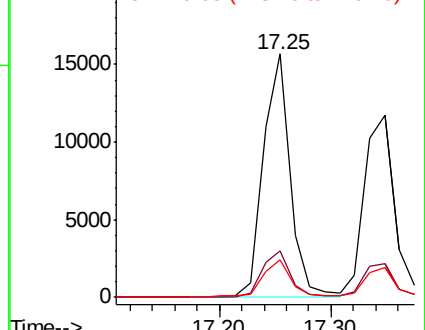


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.363 ng

RT: 17.35 min Scan# 1129

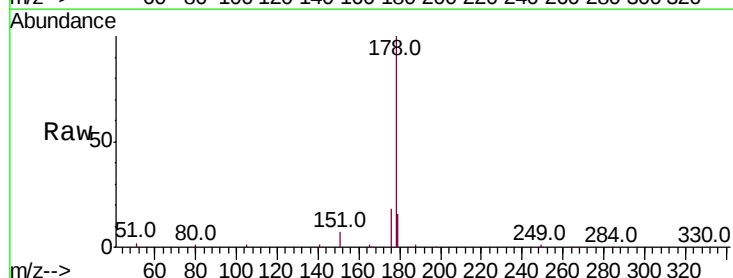
Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Tgt Ion:178 Resp: 21451

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.3	18.5

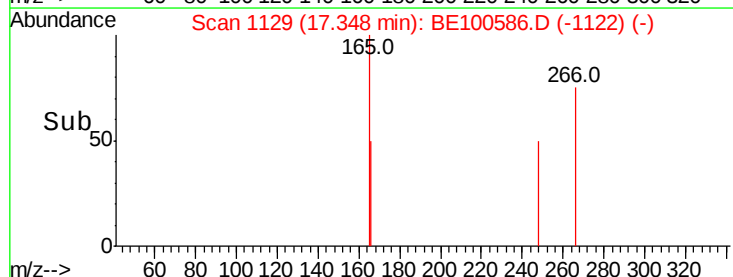
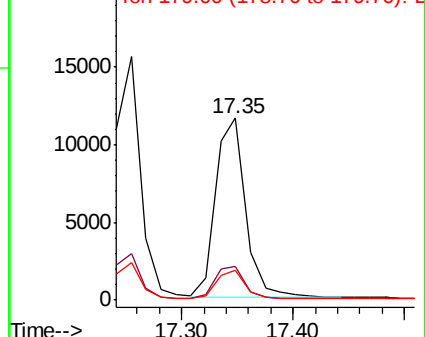


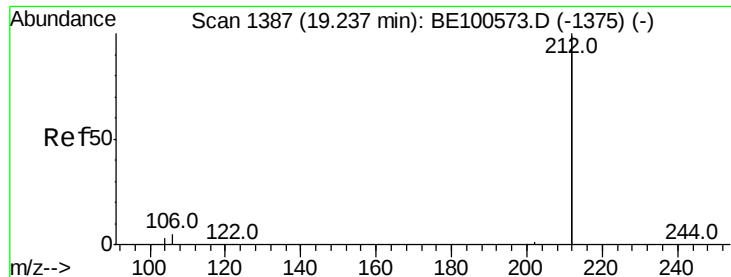
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

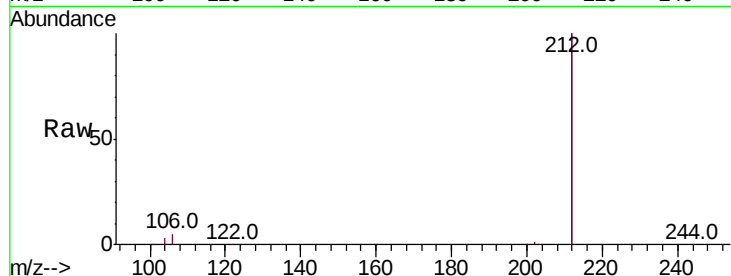
Tot Ion:212 Resp: 105925

Ion Ratio Lower Upper

212 100

106 3.0 2.5 3.7

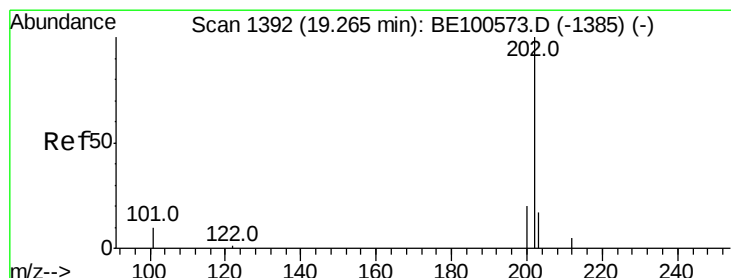
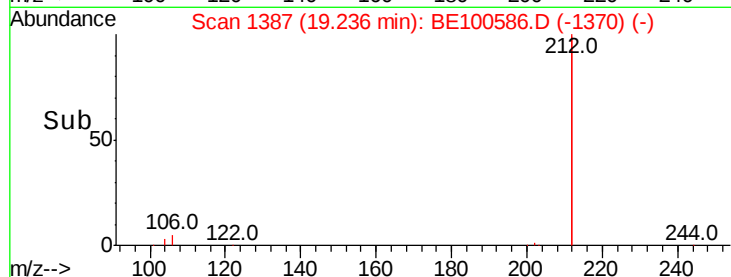
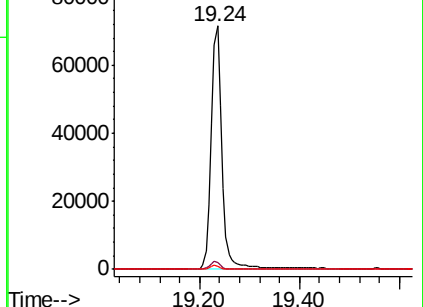
104 1.7 1.4 2.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.375 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

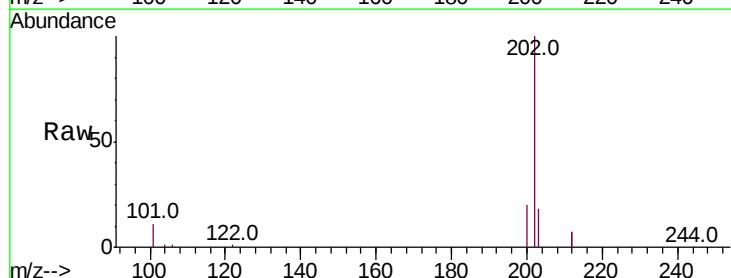
Tgt Ion:202 Resp: 30745

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.4

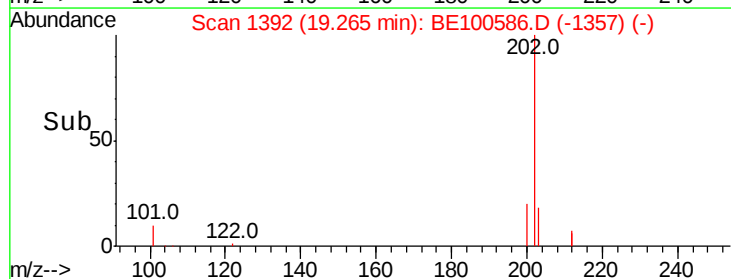
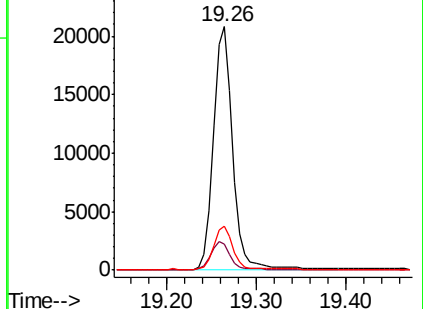
203 17.4 13.6 20.4

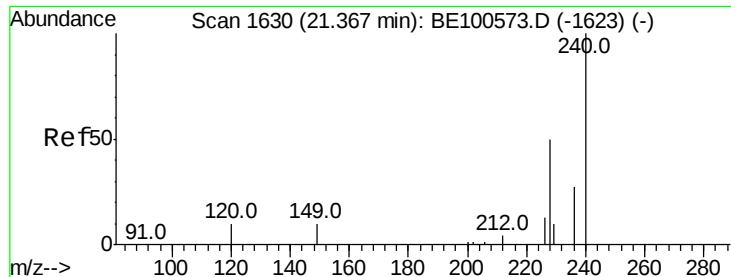


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

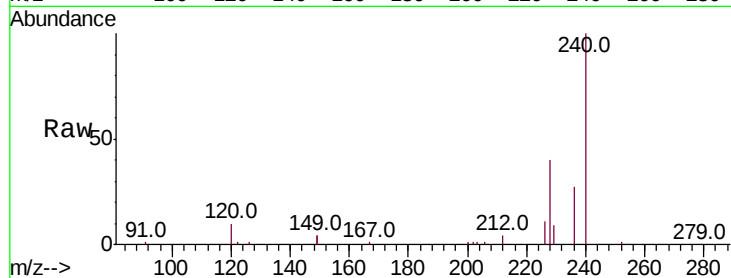




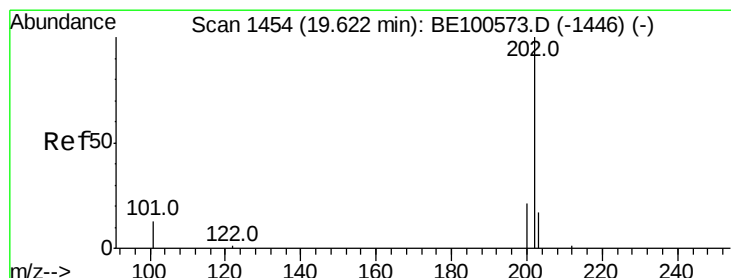
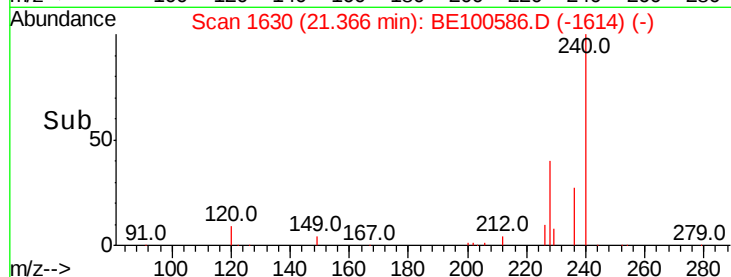
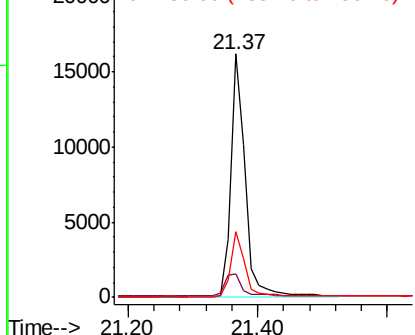
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 25053
Ion Ratio Lower Upper
240 100
120 9.6 8.7 13.1
236 27.2 21.8 32.8

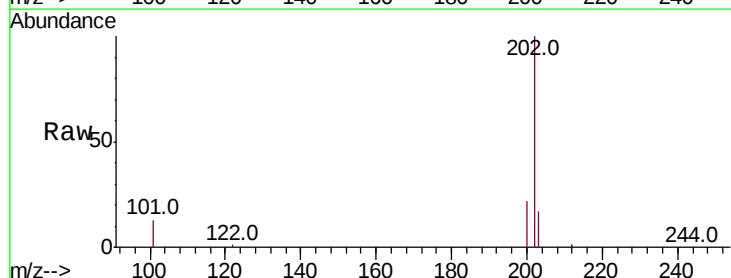


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

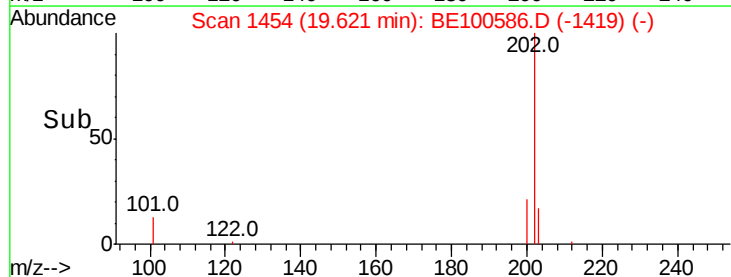
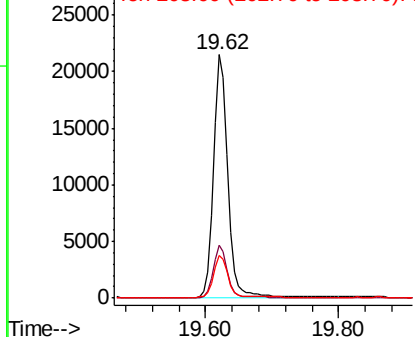


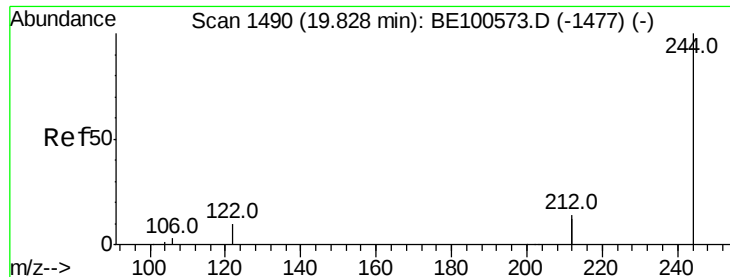
#28
Pyrene
Concen: 0.417 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100586.D
Acq: 30 Sep 2019 18:03

Tgt Ion:202 Resp: 31628
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.6 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

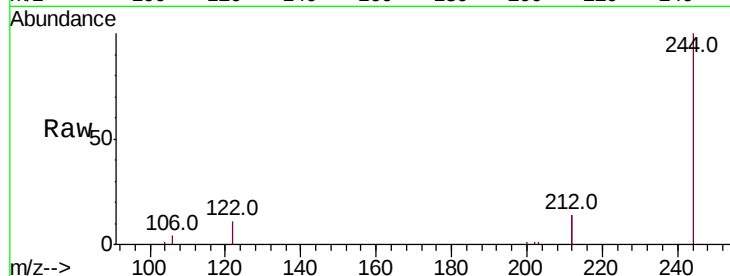
Tot Ion:244 Resp: 24232

Ion Ratio Lower Upper

244 100

212 27.8 21.8 32.8

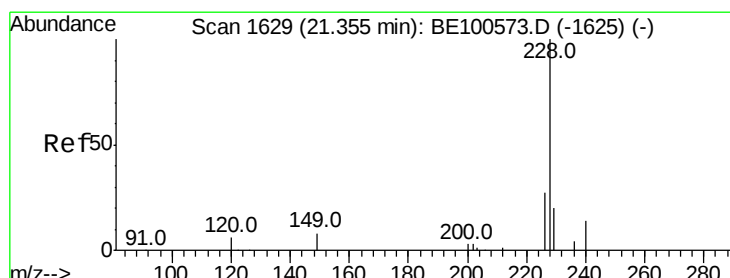
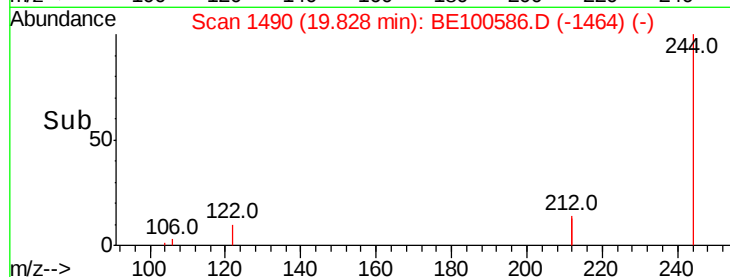
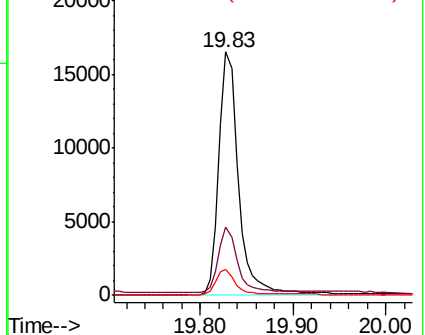
122 10.7 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.377 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

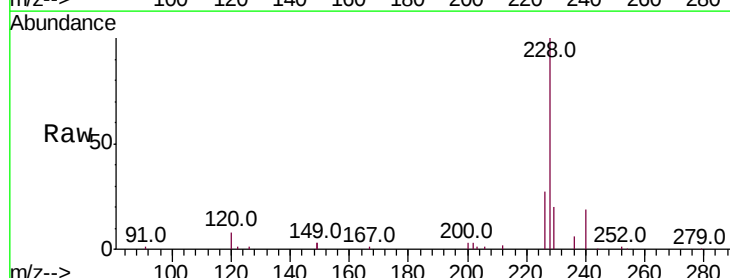
Tgt Ion:228 Resp: 27854

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

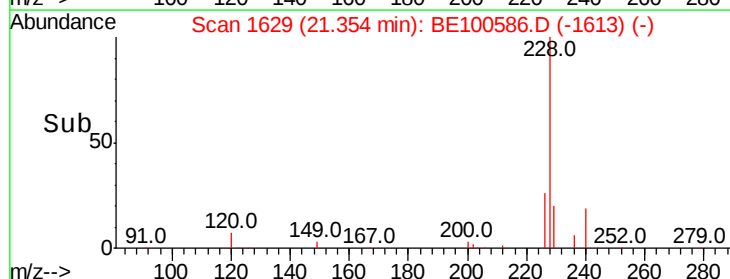
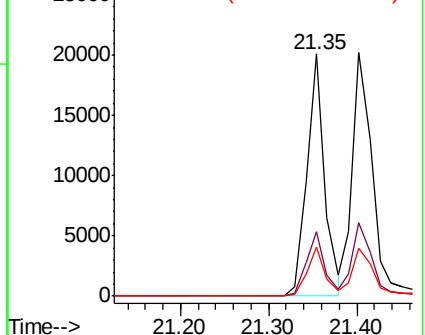
229 20.3 16.1 24.1

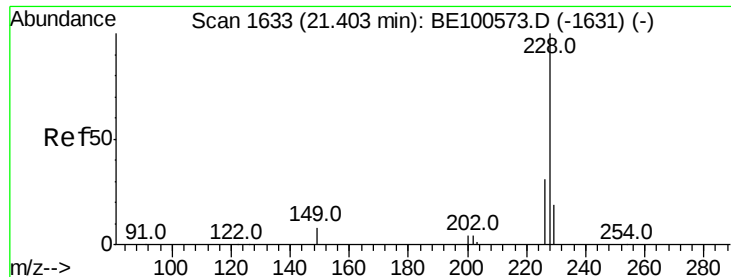


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

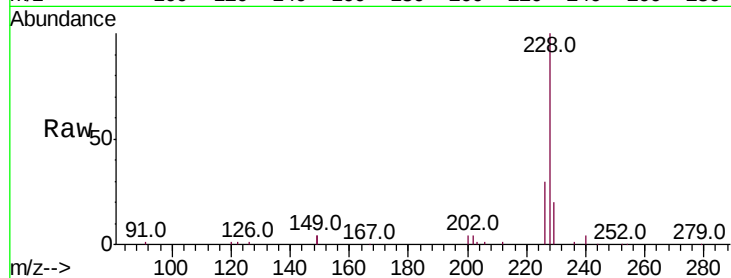
Tot Ion:228 Resp: 30324

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

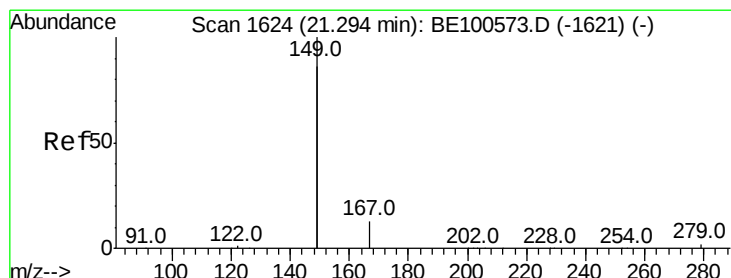
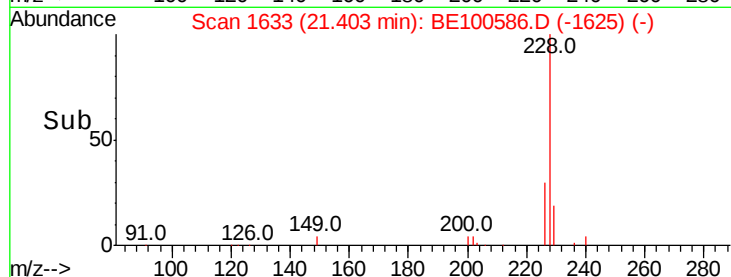
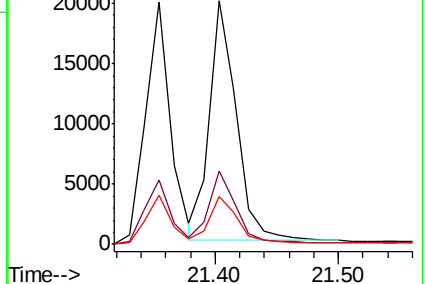
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.246 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

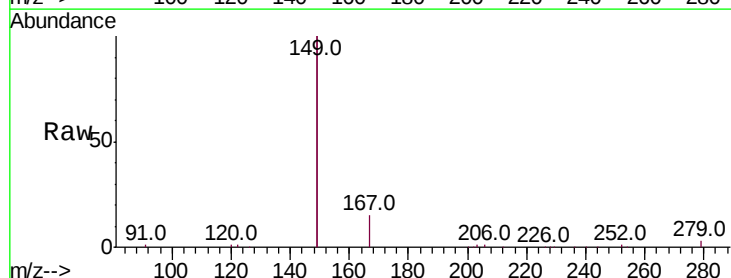
Tgt Ion:149 Resp: 48276

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.6

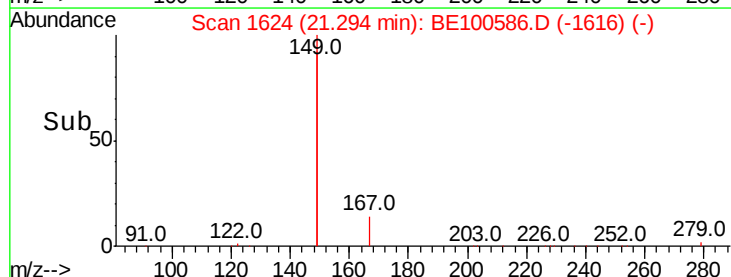
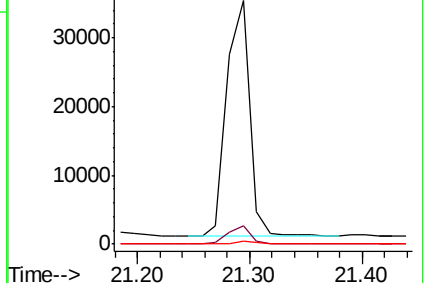
279 1.1 0.8 1.2

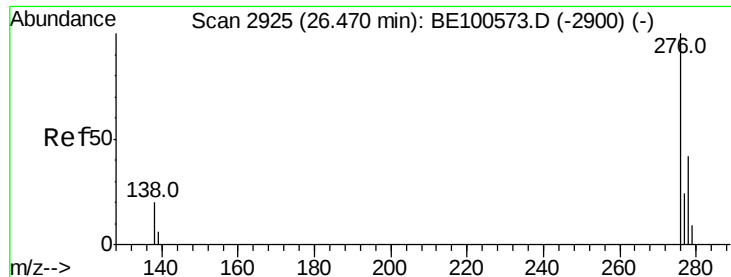


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

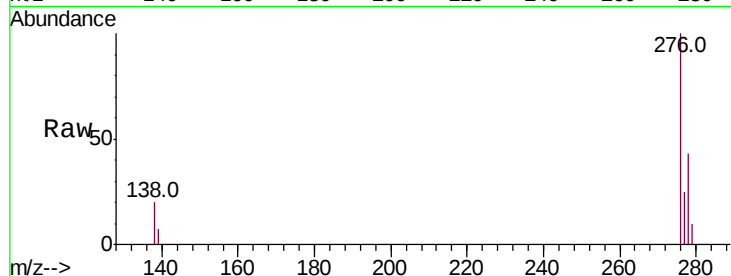




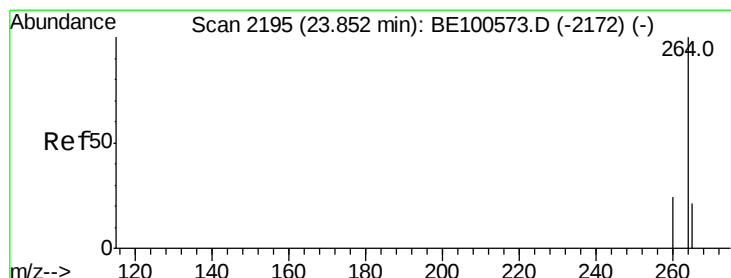
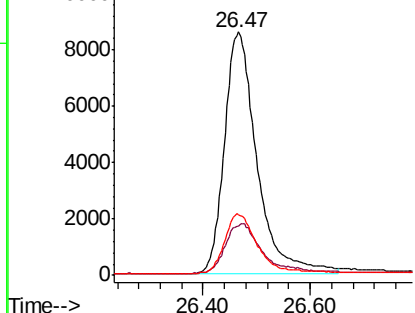
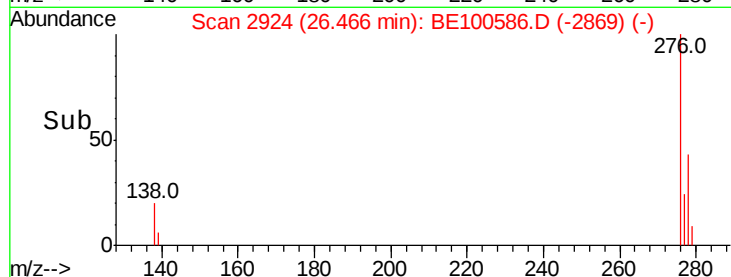
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 36086
 Ion Ratio Lower Upper
 276 100
 138 23.1 18.6 27.8
 277 24.6 19.4 29.2

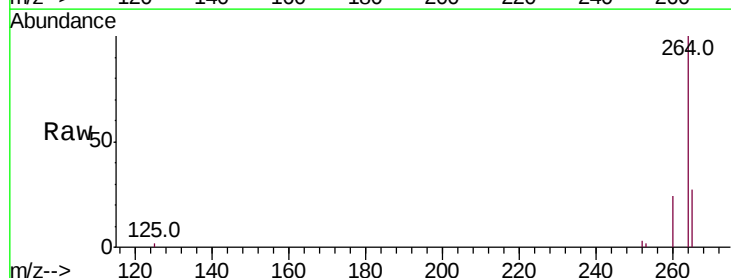


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

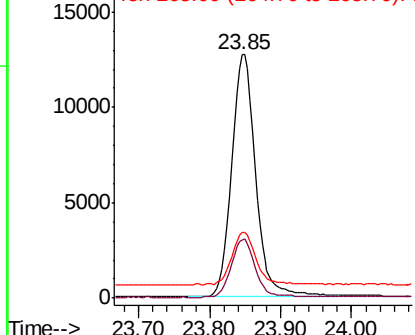
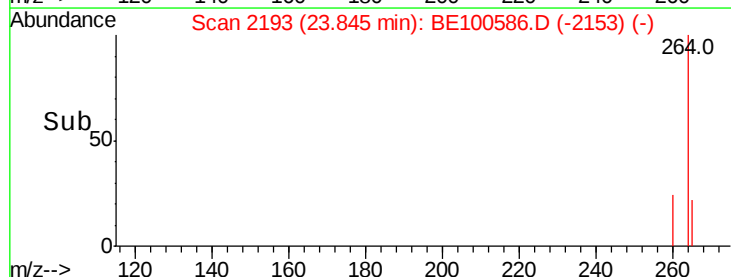


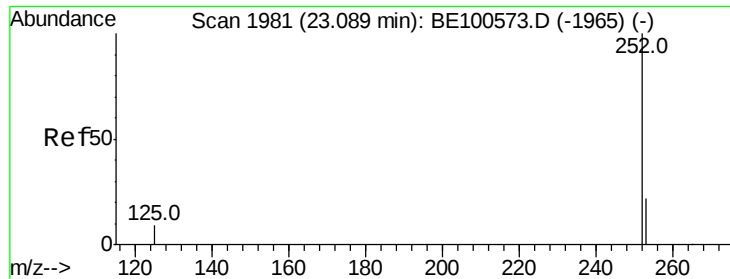
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BE100586.D
 Acq: 30 Sep 2019 18:03

Tgt Ion:264 Resp: 29893
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.7 29.5
 265 27.0 22.2 33.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

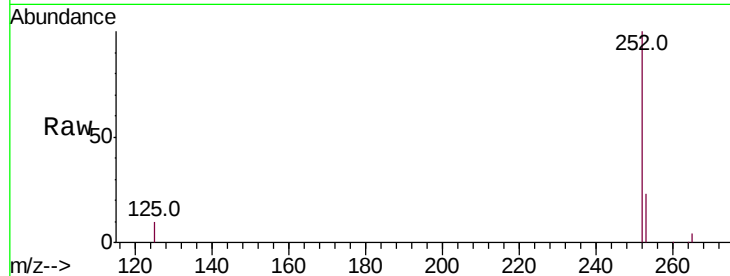
Tot Ion:252 Resp: 29945

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

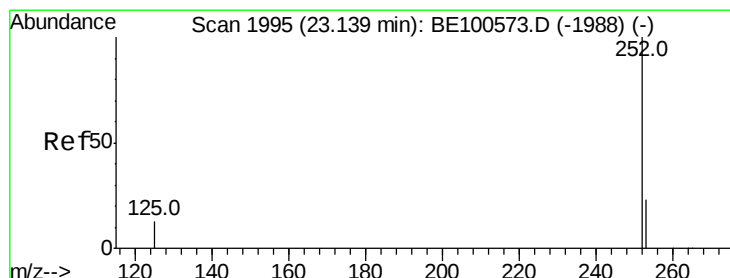
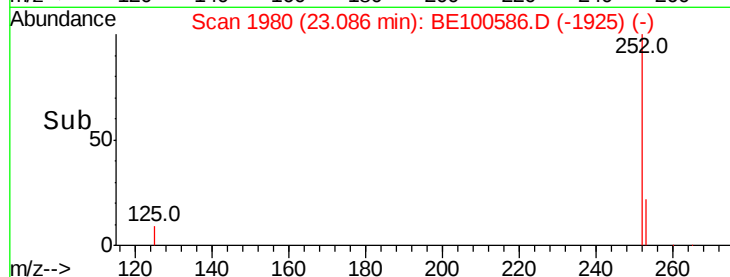
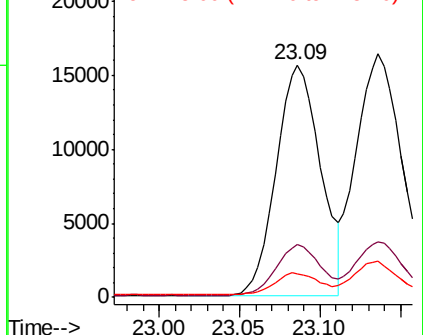
125 10.3 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.378 ng

RT: 23.14 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

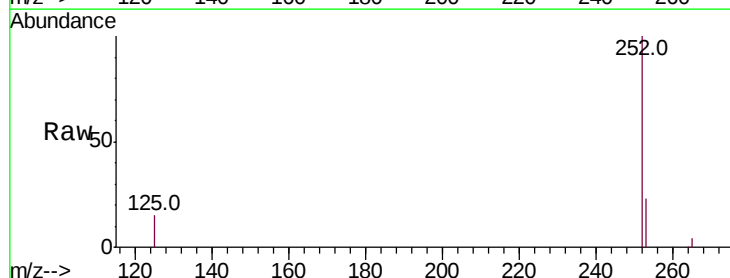
Tgt Ion:252 Resp: 33705

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

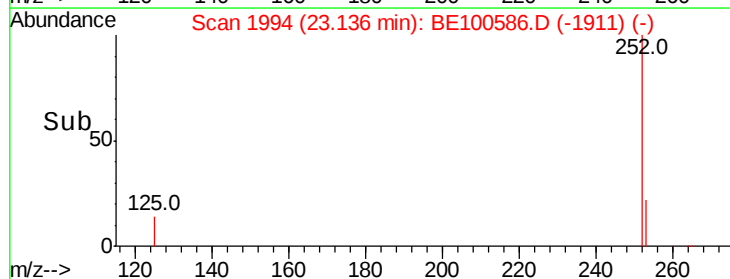
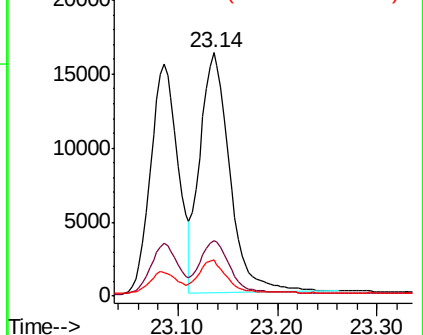
125 14.7 11.4 17.2

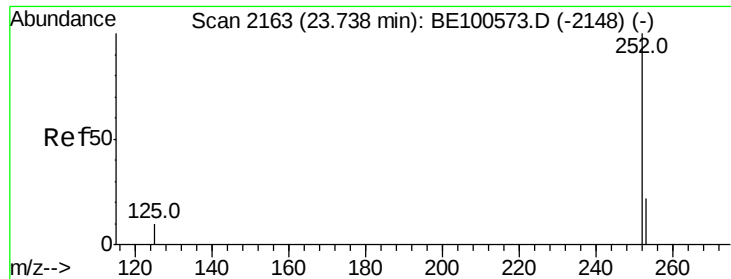


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.73 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

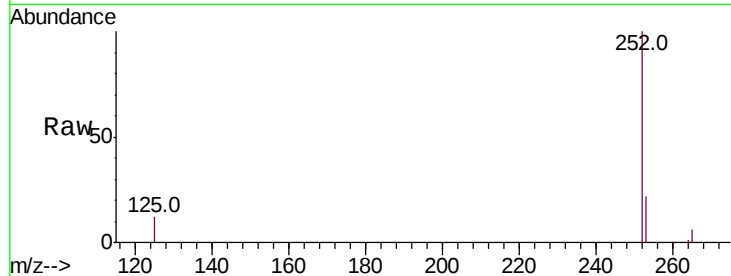
Tot Ion:252 Resp: 28703

Ion Ratio Lower Upper

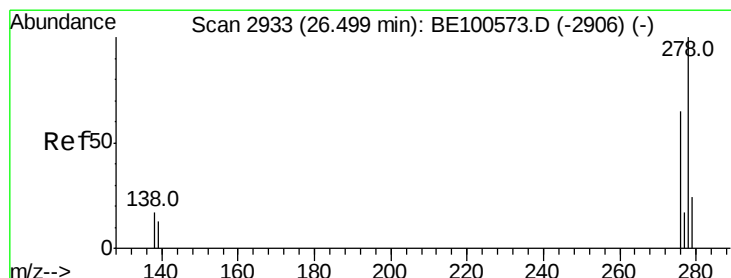
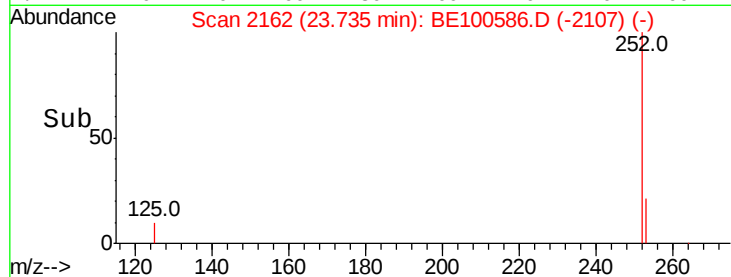
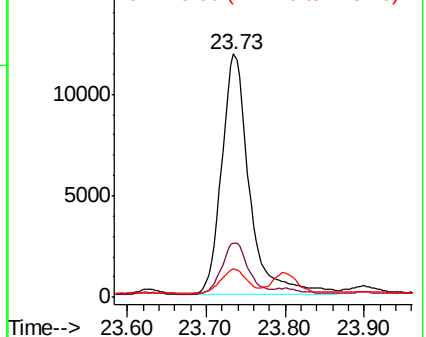
252 100

253 22.4 18.2 27.4

125 11.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.371 ng

RT: 26.49 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

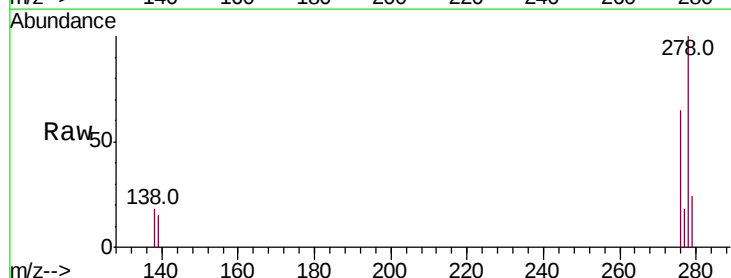
Tgt Ion:278 Resp: 29525

Ion Ratio Lower Upper

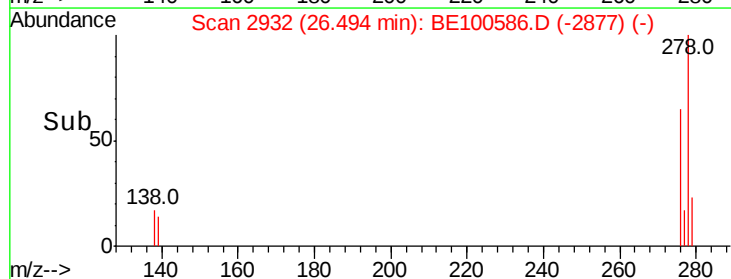
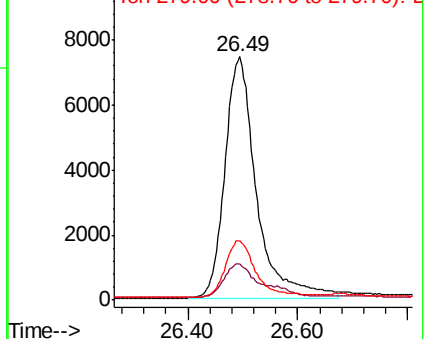
278 100

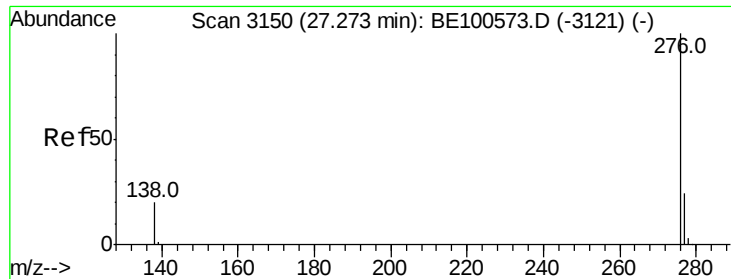
139 14.9 11.7 17.5

279 24.4 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.374 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE100586.D

Acq: 30 Sep 2019 18:03

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

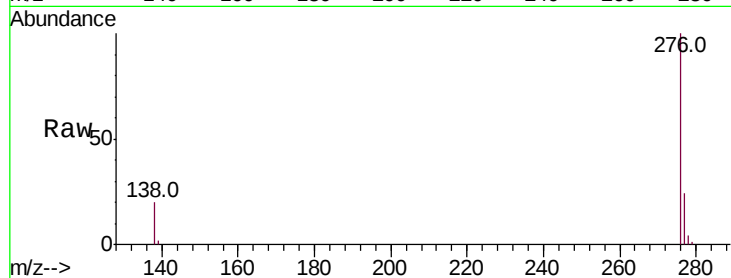
Tot Ion:276 Resp: 30427

Ion Ratio Lower Upper

276 100

277 24.5 19.7 29.5

138 19.9 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

